

## **Canon Accessibility Conformance Report**

**VPAT®** Version 2.1

#### Name of Product:

Canon imagePROGRAF TM-200 Canon imagePROGRAF TM-205 Canon imagePROGRAF TM-300 Canon imagePROGRAF TM-305



Product Description: Large format inkjet printers

Date: July 30, 2018

Contact information: accessibility@cusa.canon.com

Notes: Evaluation Methods Used: Inspection, Measurement and Testing

#### Applicable Standards / Guidelines:

This report covers the degree of conformance for the following accessibility standard/guideline:

Standard/Guideline	Included In Report
Revised Section 508 standards as published by the U.S. Access Board in the Federal Register on January 18, 2017 Corrections to the ICT Final Rule as published by the US Access Board in the Federal Register on January 22, 2018	(Yes / <del>No</del> )
EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V1.1.2 (2015-04)	(Yes / <del>No</del> )
Web Content Accessibility Guidelines 2.0 (WCAG 2.0)	Level A (Yes / Ne ) Level AA (Yes / Ne ) Level AAA ( <del>Yes</del> / No )

### Terms:

The terms used in the Conformance Level information are defined as follows:

- <u>Supports</u>: The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitatStandardion.
- · Supports with Exceptions: Some functionality of the product does not meet the criteria.
- <u>Supports through Equivalent Facilitation</u>: Some functionality of the product meet the intent of the Criteria through alternate way.
- <u>Supports when combined with Compatible AT</u>: Some functionality of the product meet the criteria using assistive technology which is not a part of the product itself.
- · Does Not Support: Majority of functionality of the product does not meet the criteria.
- Not Applicable: The criteria are not relevant to the product. In the WCAG section, use 'supports' instead of 'not applicable' when reporting web conformance.
- Not Applicable Fundamental Alteration Exception Applies: The criteria are relevant to the product, but fundamentally impossible to meet the criteria, because of its conditions.
- Not Evaluated: The product has not been evaluated against the criteria. This can only be used in WCAG 2.0 Level

## 2017 Section 508 Report

**Chapter 3: Functional Performance Criteria** 

Chapter 3: Functional Performance Criteria	Comformedia Lava	Demonto and Francisco
Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision.  Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.	Supports with Exceptions	Operable parts can be recognized with visual, auditory, and tactile. However, in a part of page for changing the setting, touch screen is used, therefore user may be hard to operate these.
302.2 With Limited Vision. Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision.	Supports	The text at the top of the screen is not stylized and there is considerable contrast with the background.
302.3 Without Perception of Color. Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color.	Supports	All information conveyed using color is also conveyed using text and icons.
302.4 Without Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing	Supports	Standard operation of this product doesnot require hearing.
302.5 With Limited Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing	Supports	Standard operation of this product doesnot require hearing.
302.6 Without Speech. Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.	Not applicable	Standard operation of this product doesnot require vocal input.
302.7 With Limited Manipulation. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations.	Supports with Exceptions	The UI for this product does not require complex manipulation or simultaneous button presses/gestures.

302.8 With Limited Reach and Strength.  Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.	Does not Support	Some basic operation requires strength.
302.8 With Limited Reach-and Strength. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength	Does not Support	Users with limited reach may not be able to access.
302.9 With Limited Language, Cognitive, and Learning Abilities. ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.	Supports	User can use the function that meets the purpose without interrupt by using Accessibility feature.

### Chapter 4: Hardware

Criteria	Conformance Level	Remarks and Explanations
402.1 General. (Closed Functionality ) ICT with closed functionality shall be operable without requiring the user to attach or install assistive technology other than personal headsets or other audio couplers, and shall conform to 402.	Support	
402.2.1 Information Displayed On-Screen. Speech output shall be provided for all information displayed on-screen.	Not applicable	Voice guidance kits are not supported.
402.2.2 Transactional Outputs.  Where transactional outputs are provided, the speech output shall audibly provide all information necessary to verify a transaction.	Not applicable	Voice guidance kits are not supported.
402.2.3 Speech Delivery Type and Coordination. Speech output shall be delivered through a mechanism that is readily available to all users, including, but not limited to, an industry standard connector or a telephone handset. Speech shall be recorded or digitized human, or synthesized. Speech output shall be coordinated with information displayed on the screen.	Not applicable	Voice guidance kits are not supported.
402.2.4 User Control.  Speech output for any single function shall be automatically interrupted when a transaction is selected. Speech output shall be capable of being repeated and paused.	Not applicable	
402.2.5 Braille Instructions.  Where speech output is required by 402.2, braille instructions for initiating the speech mode of operation shall be provided. Braille shall be contracted and shall conform to 36 CFR part 1191, Appendix D, Section 703.3.1.	Not applicable	Voice guidance kits are not supported.

402.3.1 Private Listening.  Where ICT provides private listening, it shall provide a mode of operation for controlling the volume. Where ICT delivers output by an audio transducer typically held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.	Not applicable	Voice guidance kits are not supported.
402.3.2 Non-private Listening. Where ICT provides non-private listening, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. A function shall be provided to automatically reset the volume to the default level after every use.	Not applicable	Voice guidance kits are not supported.
402.4 Characters on Display Screens. At least one mode of characters displayed on the screen shall be in a sans serif font. Where ICT does not provide a screen enlargement feature, characters shall be 3/16 inch (4.8 mm) high minimum based on the uppercase letter "I". Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.	Supports with Exceptions	Characters contrast with their background with either light characters on a dark background or dark characters on a light background. Characters do not meet the 3/16 inchd (4.8mm) high minimum based on the uppercase letter "I". However, contrast with their background are enough, therefore it helps user to see characters.
402.5 Characters on Variable Message Signs. Characters on variable message signs shall conform to section 703.7 Variable Message Signs of ICC A117.1:2009.	Not applicable	Variable message signs are not supported.
403.1 Biometrics Where provided, biometrics shall not be the only means for user identification or control.	Not applicable	Biometric forms of user identification are not used.
404.1 Preservation of Information Provided for Accessibility ICT that transmits or converts information or communication shall not remove non-proprietary information provided for accessibility or shall restore it upon delivery.	Not applicable	Accessibility that transmits and converts information or communication are not supported.
405.1 Privacy. The same degree of privacy of input and output shall be provided to all individuals. When speech output required by 402.2 is enabled, the screen shall not blank automatically.	Not applicable	Voice guidance kits are not supported.
406.1 Standard Connections Where data connections used for input and output are provided, at least one of each type of connection shall conform to industry standard non-proprietary formats	Supports	This product provides a connection method that conforms to a industry standard.

407.2 Contrast.  Where provided, keys and controls shall contrast visually from background surfaces. Characters and symbols shall contrast visually from background surfaces with either light characters or symbols on a dark background or dark characters or symbols on a light background.	Supports	There is considerable contrast between characters, symbols, and the background used by keys and other controls.
407.3.1 Tactilely Discernible. Input controls shall be operable by touch and tactilely discernible without activation.	Does not Support	Buttons of operable parts cannot be recognized without vision
407.3.2 Alphabetic Keys. Where provided, individual alphabetic keys shall be arranged in a QWERTY-based keyboard layout and the "F" and "J" keys shall be tactilely distinct from the other keys.	Does not Support	Keys on the touch panel cannot be distinguished by touch.
407.3.3 Numeric Keys. Where provided, numeric keys shall be arranged in a 12-key ascending or descending keypad layout. The number five key shall be tactilely distinct from the other keys. Where the ICT provides an alphabetic overlay on numeric keys, the relationships between letters and digits shall conform to ITU?T Recommendation E.161	Does not Support	Keys on the touch panel cannot be distinguished by touch.
Where a keyboard with key repeat is provided, the delay before the key repeat feature is activated shall be fixed at, or adjustable to, 2 seconds minimum.	Supports	Key repeat is not supported.
407.5 Timed Response. Where a timed response is required, the user shall be alerted visually, as well as by touch or sound, and shall be given the opportunity to indicate that more time is needed	Supports	Timed response are not required in general operation.
407.6 Operation. ( General ) At least one mode of operation shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	Does not Support	There are some operation that requires fine motor control, strength and both hands in general operation.
407.7 Tickets, Fare Cards, and Keycards. Where tickets, fare cards, or keycards are provided, they shall have an orientation that is tactilely discernible if orientation is important to further use of the ticket, fare card, or keycard.	Not applicable	
407.8.1 Vertical Reference Plane. Operable parts shall be positioned for a side reach or a forward reach determined with respect to a vertical reference plane. The vertical reference plane shall be located in conformance to 407.8.2 or 407.8.3.	Supports	
407.8.1.1 Vertical Plane for Side Reach. Where a side reach is provided, the vertical reference plane shall be 48 inches (1220 mm) long minimum.	Supports	
407.8.1.2 Vertical Plane for Forward Reach. Where a forward reach is provided, the vertical reference plane shall be 30 inches (760 mm) long minimum.	Supports	

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407.8.2 Side Reach. Operable parts of ICT providing a side reach shall conform to 407.8.2.1 or 407.8.2.2. The vertical reference plane shall be centered on the operable part and placed at the leading edge of the maximum protrusion of the ICT within the length of the vertical reference plane. Where a side reach requires a reach over a portion of the ICT, the height of that portion of the ICT shall be 34 inches (865 mm) maximum.	Does not Support	Where a side reach requires a reach over a portion, the height of that portion shall be 34 inches (865 mm) maximum.  However, there are some parts that do not meet the above.
407.8.2.1 Unobstructed Side Reach. Where the operable part is located 10 inches (255 mm) or less beyond the vertical reference plane, the operable part shall be 48 inches (1220 mm) high maximum and 15 inches (380 mm) high minimum above the floor.	Supports with Exceptions	Where the operable part is located 10 inches (255 mm) or less beyond the vertical reference plane, the operable part shall be 48 inches (1220 mm) high maximum and 15 inches (380 mm) high minimum above the floor.  However, there are some optional parts that do not meet the above.
407.8.2.2 Obstructed side reach Where the operable part is located more than 10 inches (255 mm), but not more than 24 inches (610 mm), beyond the vertical reference plane, the height of the operable part shall be 46 inches (1170 mm) high maximum and 15 inches (380 mm) high minimum above the floor. The operable part shall not be located more than 24 inches (610 mm) beyond the vertical reference plane	Does not Support	Where the operable part is located more than 10 inches (255 mm), but not more than 24 inches (610 mm), beyond the vertical reference plane, the height of the operable part shall be 46 inches (1170 mm) high maximum and 15 inches (380 mm) high minimum above the floor.  However, there are some partsthat do not meet the above.
407.8.3 Forward Reach. Operable parts of ICT providing a forward reach shall conform to 407.8.3.1 or 407.8.3.2. The vertical reference plane shall be centered, and intersect with, the operable part. Where a forward reach allows a reach over a portion of the ICT, the height of that portion of the ICT shall be 34 inches (865 mm) maximum.	Does not Support	Where a forward reach allows a reach over a portion, the height of that portion shall be 34 inches (865 mm) maximum. However, there are parts that does not meet the above.
407.8.3.1 Unobstructed forward reach Where the operable part is located at the leading edge of the maximum protrusion within the length of the vertical reference plane of the ICT, the operable part shall be 48 inches (1220 mm) high maximum and 15 inches (380 mm) high minimum above the floor.	Not applicable	
407.8.3.2 Obstructed Forward Reach. Where the operable part is located beyond the leading edge of the maximum protrusion within the length of the vertical reference plane, the operable part shall conform to 407.12.3.2. The maximum allowable forward reach to an operable part shall be 25 inches (635 mm).	Does not Support	The maximum allowable forward reach to an operable part shall be 25 inches (635 mm). However, there is a part that does not meet the above.

407.8.3.2.1 Height.  Where the operable part is located less than 20 inches (510 mm) beyond the vertical reference plane, the operable part shall be 48 inches (1220 mm) high maximum. Where the operable part is located 20 inches (510 mm) to 25 inches (635 mm) beyond the vertical reference plane, the operable part shall be 44 inches (1120 mm) high maximum.	Supports	
407.8.3.2.2 Knee and Toe Space. Knee and toe space under ICT shall be 27 inches (685 mm) high minimum, 25 inches (635 mm) deep maximum, and 30 inches (760 mm) wide minimum and shall be clear of obstructions.	Does not Support	There is no enough knee and toe space that is clear.
408.2 Display Screens (General) Where stationary ICT provides one or more display screens, at least one of each type of display screen shall be visible from a point located 40 inches (1015 mm) above the floor space where the display screen is viewed.	Supports	Basic operation of the device supports this.For maintenance and setup, it is applicable.
408.3 General. ( Flashing ) Where ICT emits lights in flashes, there shall be no more than three flashes in any one-second period.	Supports	The screen flicker does not occur within this range.
409.1 Status Indicators. Status indicators, including all locking or toggle controls or keys (e.g., Caps Lock and Num Lock keys), shall be discernible visually and by touch or sound.	Supports	Status indicator for locking or toggle control are recognized visually, tactilely, and audibly in all operable parts.
410.1 Color Coding. Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	All information conveyed using color is also conveyed using text and icons.
411.1 Audible Signals. Where provided, audible signals or cues shall not be used as the only means of conveying information, indicating an action, or prompting a response.	Supports	All notification sounds played during operation of the device are accompanied by visual UI elements.
412.2.1 Volume Gain for Wireline Telephones. Volume gain conforming to 47 CFR 68.317 shall be provided on analog and digital wireline telephones	Not applicable	
412.2.2 Volume Gain for Non-Wireline ICT. A method for increasing volume shall be provided for non-wireline ICT.	Not applicable	
412.3.1 Wireless Handsets. ICT in the form of wireless handsets shall conform to ANSI/IEEE C63.19-2011 (incorporated by reference, see 702.5.1).	Not applicable	

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412.3.2 Wireline Handsets. ICT in the form of wireline handsets, including cordless handsets, shall conform to TIA-1083-B (incorporated by reference, see 702.9.1).	Not applicable .
412.4 Digital Encoding of Speech. ICT in IP-based networks shall transmit and receive speech that is digitally encoded in the manner specified by ITU-T Recommendation G.722.2 (incorporated by reference, see 702.7.2) or IETF RFC 6716 (incorporated by reference, see 702.8.1).	Not applicable .
412.5 Real-Time Text Functionality (HCO and VCO Support) Reserved. (Pending the outcome of rulemaking of the Federal Communications Commission(FCC) as discussed in Section III.D (Major Issues-Real-Time Text))	Not applicable .
412.5 Real-Time Text Functionality (Interoperability) Reserved. (Pending the outcome of rulemaking of the Federal Communications Commission(FCC) as discussed in Section III.D (Major Issues-Real-Time Text))	Not applicable .
412.5 Real-Time Text Functionality (Compatibility with Interactive Voice Response). Reserved. (Pending the outcome of rulemaking of the Federal Communications Commission(FCC) as discussed in Section III.D (Major Issues-Real-Time Text))	Not applicable .
412.6 Caller ID. Where provided, caller identification and similar telecommunications functions shall be visible and audible.	Not applicable
412.7 Video Communication. Where ICT provides real-time video functionality, the quality of the video shall be sufficient to support communication using sign language.	Not applicable
412.8.1 TTY Connectability. ICT shall include a standard non-acoustic connection point for TTYs	Not applicable
412.8.2 Voice and Hearing Carry Over. ICT shall provide a microphone capable of being turned on and off to allow the user to intermix speech with TTY use.	Not applicable
412.8.3 Signal Compatibility. ICT shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols where the system interoperates with the Public Switched Telephone Network (PSTN).	Not applicable .
412.8.4 Voice Mail and Other Messaging Systems. Where provided, voice mail, auto-attendant, interactive voice response, and caller identification systems shall be usable with a TTY.	Not applicable .
413.1.1 Decoding and Display of Closed Captions. Players and displays shall decode closed caption data and support display of captions	Not applicable .

413.1.2 Pass-Through of Closed Caption Data. Cabling and ancillary equipment shall pass through caption data	Not applicable	
414.1.1 Digital Television Tuners.  Digital television tuners shall provide audio description processing that conforms to ATSC A/53 Digital Television Standard, Part 5 (2014) (incorporated by reference, see 702.2.1). Digital television tuners shall provide processing of audio description when encoded as a Visually Impaired (VI) associated audio service that is provided as a complete program mix containing audio description according to the ATSC A/53 standard.	Not applicable	
414.1.2 Other ICT. ICT other than digital television tuners shall provide audio description processing.	Not applicable	
415.1.1 Caption Controls.  Where ICT provides operable parts for volume control, ICT shall also provide operable parts for caption selection.	Not applicable	
415.1.2 Audio Description Controls.  Where ICT provides operable parts for program selection, ICT shall also provide operable parts for the selection of audio description.	Not applicable	

# **Printer Driver**

# WCAG 2.0 Report

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content(A): All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below.	Supports Through Equivalent Facilitation	The non-text content items in the UI of the printer driver are visual representations of various settin values, therefre thereare text alternatives.  There is some non-text content that cannot be recognized by screen readers, however, these items can be configured using alternative methods.
1.2.1 Audio-only and Video-only (Prerecorded)(A): For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such: - Prerecorded Audio-only - Prerecorded Video-only	Not applicable	The printer driver does not include any audio/video content.
1.2.2 Captions (Prerecorded)(A): Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Not applicable	The printer driver does not include any audio/video content.

1.2.3 Audio Description or Media Alternative (Prerecorded)(A): An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Not applicable	The printer driver does not include any audio/video content.
1.2.4 Captions (Live)(AA): Captions are provided for all live audio content in synchronized media.	Not applicable	The printer driver does not include any audio/video content.
1.2.5 Audio Description (Prerecorded)(AA): Audio description is provided for all prerecorded video content in synchronized media.	Not applicable	The printer driver does not include any audio/video content.
1.3.1 Info and Relationships(A): Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text	Supports with Exceptions	Text is provided for structures that can be interpreted programmatically. However, for some of them, the use of assistive technology (e.g. JAWS) is needed for cursor movement.
1.3.2 Meaningful Sequence(A): When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined	Supports with Exceptions	In the printer driver, the order in which the UI content is read by screen readers matches the order in which it is presented, and the content can be read in the correct order.  However, for some UI contents, the use of assistive technology (e.g.JAWS) is needed.
1.3.3 Sensory Characteristics(A): Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound	Does not Support	In the printer driver, text is provided in the UI for explaining and operating content; therefore, the instructions do not solely rely on sensory characteristics. However, for the reading of labels indicating the rest of Ink, there is no text in the status monitor.
1.4.1 Use of Color(A): Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	The printer driver does not use color-coding as the only means of conveying information.

1.4.2 Audio Control(A): If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level.	Not applicable	Printer Driver have no audio that plays automatically more than 3 seconds.
1.4.3 Contrast (Minimum)(AA): The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:	Supports	Displayed text meets contrast requirements/standards.
1.4.4 Resize text(AA): Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.	Supports	The UI text in the printer driver can be resized using functionality provided by the OS without loss of printer driver functionality, and there is no functionality in the printer driver that impedes there sizing of text.
1.4.5 Images of Text(AA): If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text.	Not applicable	The printer driver uses text to convey information and does not have any images of text.
2.1.1 Keyboard(A): All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.	Supports	The printer driver runs on systems with keyboards, and all functionality can be operated solely with the keyboard.
2.1.2 No Keyboard Trap(A): If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.	Supports	It is possible to move the keyboard focus among page components using only the keyboard.

2.2.1 Timing Adjustable(A): For each time limit that is set by the content, at least one of the following is true:  • Turn off: The user is allowed to turn off the time limit before encountering it; or  • Adjust: The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or  • Extend: The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or  • Real-time Exception: The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or  • Essential Exception: The time limit is essential and extending it would invalidate the activity; or  • 20 Hour Exception: The time limit is longer than 20 hours.	Supports	There are no time limits applied.
. 2.2.2 Pause Stop Hide(A): For moving blinking corolling or cuto		
2.2.2 Pause, Stop, Hide(A): For moving, blinking, scrolling, or auto-updating information, all of the following are true:  •Moving, blinking, scrolling: For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and  •Auto-updating: For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential.	Supports	There are no UI components in the printer driver that automatically move or update.
2.3.1 Three Flashes or Below Threshold(A): Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.	Supports	There are no UI components in the printer driver that flash.
2.4.1 Bypass Blocks(A): A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.	Not applicable	The printer driver is not a Web page.
2.4.2 Page Titled(A): Web pages have titles that describe topic or purpose.	Supports	Each screen of the printer driver has a title that indicates the purpose of the screen.
2.4.3 Focus Order(A): If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.	Supports	The order of focus preserves meaning and operability.

2.4.4 Link Purpose (In Context)(A): The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.	Not applicable	There is no link text in the printer driver.
2.4.5 Multiple Ways(AA): More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in, a process.	Not applicable	The printer driver is not a Web page.
2.4.6 Headings and Labels(AA): Headings and labels describe topic or purpose.	Supports	Headings and Labels describe the purpose.
2.4.7 Focus Visible(AA): Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.	Supports	The keyboard focus can be recognized visually in the keyboard operable user interface.
3.1.1 Language of Page(A): The default human language of each Web page can be programmatically determined.	Supports with Exceptions	The names, structures, and relationships of UI components in the printer driver can be recognized programmatically. However, for the reading of lables indicating valid ranges of values that can be enterd, the use of assistive technologhy (e.g. JAWS) is needed.
3.1.2 Language of Parts(AA): The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.	Supports with Exceptions	The names, structures, and relationships of UI components in the printer driver can be recognized programmatically. However, for the reading of lables indicating valid ranges of values that can be enterd, the use of assistive technologhy (e.g. JAWS) is needed.
3.2.1 On Focus(A): When any component receives focus, it does not initiate a change of context.	Supports	There are no UI components in the printer driver that change context upon receiving focus.
3.2.2 On Input(A): Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.	Supports	There are no circumstances in which changing the settings in the printer driver result in other settings being changed.

3.2.3 Consistent Navigation(AA): Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user.	Not applicable	The printer driver is not a Web page.
3.2.4 Consistent Identification(AA): Components that have the same functionality within a set of Web pages are identified consistently.	Not applicable	The printer driver is not a Web page.
3.3.1 Error Identification(A): If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.	Supports with Exceptions	In the printer driver, when errors are occured, the error can be recognized programmatically and display the error content. However, there are some cases where error occurs cannot be identified.
3.3.2 Labels or Instructions(A): Labels or instructions are provided when content requires user input.	Supports	All entry fields in the user interface of the printer driver are labeled.
3.3.3 Error Suggestion(AA): If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.	Supports	Messages with instructions for correcting errors are displayed in the UI of the printer driver for all locations where errors can occur.
3.3.4 Error Prevention (Legal, Financial, Data)(AA): For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:  1. Reversible: Submissions are reversible. 2. Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. 3. Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.	Not applicable	There is no case in printer driver.
4.1.1 Parsing(A): In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.	Not applicable	No part of the printer driver is implemented using markup languages.

4.1.2 Name, Role, Value(A): For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.	Supports with Exceptions	In the printer driver, names and roles of UI components can be recognized and configured programmatically, and notification of changes can be made avaliable.  However, some non-text content (icons) cannot be configured solely by the use of screen readers.
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# 2017 Section 508 Report

### **Chapter 5: Software**

Criteria	Conformance Level	Remarks and Explanations
502.2.1 User Control of Accessibility Features. Platforms shall provide user control over platform features that are defined in the platform documentation as accessibility features.	Not applicable	The printer driver is not a platform.
502.2.2 No Disruption of Accessibility Features. Software shall not disrupt platform features that are defined in the platform documentation as accessibility features.	Supports	The printer driver can be used without disruption of the accessibility features of the platform (verified with the accessibility functionality of Windows 10).
502.3.1 Object Information. The object role, state(s), boundary, name, and description shall be programmatically determinable	Supports with Exceptions	The roles, states, boundary, names, and description of UI objects in the printer driver can be recognized programmatically. However, these of some UI components cannot be recognized programmatically in a part of preview function.v
502.3.2 Modification of Object Information. States and properties that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports with Exceptions	The roles, states, and names of UI objects in the printer driver can be recognized programmatically. However, some states and properties of UI components that can be set by user cannot be set programmatically in a part of preview function.

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502.3.3 Row, Column, and Headers.  If an object is in a table, the occupied rows and columns, and any headers associated with those rows or columns, shall be programmatically determinable.	Does not Support	Header cell and job data cells below the header are not read as set, and these are read in each row. Therefore it is hard to understand the meaning.
502.3.4 Values. Any current value(s), and any set or range of allowable values associated with an object, shall be programmatically determinable.	Supports when combined with Compatible AT	The currently set value can be recognizedprogrammatically for any UI object in theprinter driver for which a value can beentered. However, for the reading of labelsindicating valid ranges of values that canbe entered, the use of assistivetechnology (e.g. JAWS) is needed.
502.3.5 Modification of Values. Values that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	Values that can be set by user are able to be set programmatically through the program.
502.3.6 Label Relationships. Any relationship that a component has as a label for another component, or of being labeled by another component, shall be programmatically determinable.	Supports	The labels as sociated with UI component sin the printer driver can be recognized programmatically.
502.3.7 Hierarchical Relationships. Any hierarchical (parent-child) relationship that a component has as a container for, or being contained by, another component shall be programmatically determinable.	Supports	The labels as sociated with UI component sin the printer driver can be recognized programmatically.
502.3.8 Text The content of text objects, text attributes, and the boundary of text rendered to the screen, shall be programmatically determinable.	Supports	In the printer driver, the attributes of UI objects for which text can be entered, as well as the boundary of text displayed on the screen, can be recognized programmatically.
502.3.9 Modification of Text Text that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	Texts that can be set by user are able to be set programmatically through the program.

502.3.10 List of Actions		
A list of all actions that can be executed on an object shall be programmatically determinable.	Supports with Exceptions	Operations that can be executed on a UI object in the printer driver can be recognized with the use of screen readers. However, there is some content in Preview function that cannnot be recognized with screen readers.
502.3.11 Actions on Objects. Applications shall allow assistive technology to programmatically execute available actions on objects.	Supports with Exceptions	Operations that can be executed on a UI object in the printer driver can be determined with the use of screen readers. However, there is some content in Preview function that cannnot be determined with screen readers.
502.3.12 Focus Cursor. Applications shall expose information and mechanisms necessary to track focus, text insertion point, and selection attributes of user interface components.	Supports with Exceptions	Changes of focus, component attributes, and text insertion points can be recognized in the printer driver. However, for these of Preview function which cannot be focused on, some UI components are not able to be recognized programatically with screen readers.
502.3.13 Modification of Focus Cursor. Focus, text insertion point, and selection attributes that can be set by the user shall be capable of being set programmatically, including through the use of assistive Technology.	Supports with Exceptions	Changes of focus, component attributes, and text insertion points can be determined by the printer driver. However, for these of Preview function which cannot be focused on, some UI components are not able to be determined programatically with screen readers.
502.3.14 Event Notification.  Notification of events relevant to user interactions, including but not limited to, changes in the component's state(s), value, name, description, or boundary, shall be available to assistive technology.	Supports	When changes of UI components occur, the printer driver can notify it programmatically.

502.4 Platform Accessibility Features. Platforms and platform software shall conform to the requirements in ANSI/HFES 200.2, Human Factors Engineering of Software User Interfaces — Part 2: Accessibility (incorporated by reference in Chapter 1) listed below:  Section 9.3.3 Enable sequential entry of multiple (chorded) keystrokes. 2. Section 9.3.4 Provide adjustment of delay before key acceptance. 3. Section 9.3.5 Provide adjustment of same-key double-strike acceptance. 4. Section 10.6.7 Allow users to choose visual alternative for audio output. 5. Section 10.6.8 Synchronize audio equivalents for visual events. 6. Section 10.6.9 Provide speech output services. 7. Section 10.7.1 Display any captions provided.	Not applicable	The printer driver is not a platform.
503.2 User Preferences. Applications shall permit user preferences from platform settings for color, contrast, font type, font size, and focus cursor.	Supports	The printer driver can be used without disruption of the accessibility features of the platform (verified with the accessibility functionality of Windows 10).
503.3 Alternative User Interfaces. Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services.	Not applicable	The printer driver does not provide functionality relating to accessibility.
503.4.1 Caption Controls. Where user controls are provided for volume adjustment, ICT shall provide user controls for the selection of captions at the same menu level as the user controls for volume or program selection.	Not applicable	The printer driver does not provide any video content with synchronized audio.
503.4.2 Audio Description Controls. Where user controls are provided for program selection, ICT shall provide user controls for the selection of audio description at the same menu level as the user controls for volume or program selection.	Not applicable	The printer driver does not provide any video content with synchronized audio.

# Remote UI

# WCAG 2.0 Report

Criteria	Conformance Level	Remarks and Explanations
= 11771174		

1.1.1 Non-text Content(A): All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below.	Supports	Images that convey important information have text that explains the purpose or meaning of the image.
1.2.1 Audio-only and Video-only (Prerecorded)(A): For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such: - Prerecorded Audio-only - Prerecorded Video-only	Not applicable	Remote UI does not use any multimedia presentations.
1.2.2 Captions (Prerecorded)(A): Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Not applicable	Remote UI does not use any multimedia presentations.
1.2.3 Audio Description or Media Alternative (Prerecorded)(A): An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Not applicable	Remote UI does not use any multimedia presentations.
1.2.4 Captions (Live)(AA): Captions are provided for all live audio content in synchronized media.	Not applicable	Remote UI does not use any multimedia presentations.
1.2.5 Audio Description (Prerecorded)(AA): Audio description is provided for all prerecorded video content in synchronized media	Not applicable	Remote UI does not use any multimedia presentations.
1.3.1 Info and Relationships(A): Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.	Does not Support	Even if assistive technology (e.g. JAWS) is used, structures are not conveyed in Remote UI.
1.3.2 Meaningful Sequence(A): When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.	Supports with Exceptions	For cases where the order in which information is presented could affect its meaning, that information is presented in the same order. However, for information that requires cursor movement to be properly conveyed, the use of assistive technology (e.g. JAWS) is required for increased accessibility.

1.3.3 Sensory Characteristics(A): Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound.	Supports with Exceptions	Explanations of content and controls are conveyed via text and do not ever rely solely upon the user's ability to determine sequence.  However, for reading in some parts, the use of assistive technologh (e.g. JAWS) is needed.
1.4.1 Use of Color(A): Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	Remote UI does not use color-coding asthe only means of conveying information. It has text information with color-coding. Information and instructions in Remote Ulare not communicated only through color. They have context or markup.
1.4.2 Audio Control(A): If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level.	Not applicable	The remote UI for this product does not play any audio.
1.4.3 Contrast (Minimum)(AA): The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:	Supports	Displayed text meets contrast requirements/standards.
1.4.4 Resize text(AA): Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.	Supports	Users may resize text while operating the device via the remote UI on a standard PC browser without any loss of functionality.
1.4.5 Images of Text(AA): If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text.	Supports	The remote UI does not use any images of text.
2.1.1 Keyboard(A): All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.	Does not Support	In some function, operation through a keyboard are not provided.
2.1.2 No Keyboard Trap(A): If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.	Supports	Any component to which focus may be moved using only a keyboard may also have focus moved away from it using only keyboard.

2.2.1 Timing Adjustable(A): For each time limit that is set by the content, at least one of the following is true:  • Turn off: The user is allowed to turn off the time limit before encountering it; or  • Adjust: The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or  • Extend: The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or  • Real-time Exception: The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or  • Essential Exception: The time limit is essential and extending it would invalidate the activity; or  • 20 Hour Exception: The time limit is longer than 20 hours.	Supports	There are no time limits applied.
2.2.2 Pause, Stop, Hide(A): For moving, blinking, scrolling, or auto-updating information, all of the following are true:  •Moving, blinking, scrolling: For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and •Auto-updating: For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential.	Supports	The remote UI does not have any components which auto-update.
2.3.1 Three Flashes or Below Threshold(A): Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.	Supports	There are no Blinking or flashing objects applied in Remote UI.
2.4.1 Bypass Blocks(A): A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.	Does not Support	A mechanism to bypass blocks of tab menu that are repeated is not provided in Remote UI.
2.4.2 Page Titled(A): Web pages have titles that describe topic or purpose.	Supports	Each remote UI page displays a title or tab that explains the purpose of the screen on which it is displayed.
2.4.3 Focus Order(A): If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.	Supports	All focusable components in the remote UI receive focus in an order that preserves meaning and operability.

2.4.4 Link Purpose (In Context)(A): The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.  .	Supports	The purpose of each link in the remote UI can be determined from the link text.
2.4.5 Multiple Ways(AA): More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in, a process.	Does not Support	When using the remote UI, it is not possible to reach a page without going through the required pages in the required order.
2.4.6 Headings and Labels(AA): Headings and labels describe topic or purpose.	Supports when combined with Compatible AT	Each label and heading displayed in the remote UI describes purpose. However, for reading these, assistive technology (e.g. JAWS) is needed.
2.4.7 Focus Visible(AA): Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.	Supports with Exceptions	When using the remote UI, the focus of the keyboard is conveyed visually. However, there are some part that can not be recognized visually.
3.1.1 Language of Page(A): The default human language of each Web page can be programmatically determined.	Supports with Exceptions	The remote UI includes a language layer in addition to HTML and natural human language is used. However, for reading these, assistive technology (e.g. JWAS) is needed.
3.1.2 Language of Parts(AA): The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.	Supports with Exceptions	There are no cases of language aside from standard human language, proper names, or technical terms used in the remote UI. However, for reading these, assistive technology (e.g. JWAS) is needed.
3.2.1 On Focus(A): When any component receives focus, it does not initiate a change of context.	Supports	There are no components in the remote that initiate a change of context upon receiving focus.

3.2.2 On Input(A): Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.	Supports	
3.2.3 Consistent Navigation(AA): Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user.	Supports	Navigational mechanisms that are repeated throughout the remote UI occur in the same order each time they are repeated.
3.2.4 Consistent Identification(AA): Components that have the same functionality within a set of Web pages are identified consistently.	Supports with Exceptions	
3.3.1 Error Identification(A): If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.	Does not Support	In case input item in a page are several not only one, input error cannot be identified by using displayed error text.
3.3.2 Labels or Instructions(A): Labels or instructions are provided when content requires user input.	Supports with Exceptions	Any content in the remote UI (such as text boxes), which require a user's input are appropriately labeled. However, for reading these, assistive technology (e.g. JWAS) is needed.
3.3.3 Error Suggestion(AA): If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.	Does not Support	Suggestions for the correction of errors are not offered in remote UI.
3.3.4 Error Prevention (Legal, Financial, Data)(AA): For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:  1. Reversible: Submissions are reversible. 2. Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. 3. Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.	Not applicable	There is no case in remote UI.
4.1.1 Parsing(A): In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.	Supports	The HTML used in the remote UI adheres to the appropriate standards.

4.1.2 Name, Role, Value(A): For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.	Supports	

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Note2: Comments in the "Conformance Level" column are based on the Information Technology Industry Council's suggested language for use when filling out the Voluntary Product Accessibility Template. The Remarks and Explanations column provides additional information on the evaluation results, and explains the standard functions of the product that can accommodate users with disabilities.

Note3: This document is for informational purposes only. This information is based on Canon's current understanding of 36 CFR Part 1194 - Electronic and Information Technology Accessibility Standard and Section 508 of the Rehabilitation Act, and EN 301 549, Accessibility requirements suitable for public procurement of ICT products and services in Europe. It is not intended to address applicability of these laws to a particular end-user, customer, application or procurement.

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